

## ILLUMINATION FIELD BLENDING FOR USE IN SUBTITLE PROJECTION SYSTEMS

### Abstract of the Disclosure

A projection system that projects a text or subtitle box onto an image minimizes the contrast between the text box and the image. A transition region surrounding the text box minimizes visual disruption to the image onto which the text box is projected. The positions of optical elements of a text projector enable the text box to gradually fade out. The text projector has a lamp that defines an object plane and a light path modifier. The light path modifier is offset from the object plane, toward the lamp to blend the borders of the text box into the image projected by an image projector.